



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8
999 18TH STREET - SUITE 300
DENVER, CO 80202-2466
<http://www.epa.gov/region08>

EPR:ER

INITIAL POLLUTION REPORT
Cenex Pipeline Spill
Glendive, Dawson County, MT

I. HEADING

Date: 11/20/02
Subject: Cenex
From: Duc Nguyen, On-Scene Coordinator
POLREP NO.: POLREP 1

II. BACKGROUND

Response Agency:	EPA Region VIII
Address:	999 18TH Street, Suite 500
	Denver, CO 80202-2466
Response Authority:	OPA, CWA
Party Conducting the Action:	PRP
FPN NO.:	EO2807
OPA Project/Site No.	Z8AJ
NRC No.:	623569
Docket No.:	CWA-08-2002-35
Date Started:	09/21/02
Completion Date:	TBD

III. SITE INFORMATION

A. Site Description

1. Site Description:

A release of approximately 1,000 barrels (42,000 gallons) of unleaded gasoline from an 8-inch pipeline operated by Cenex Pipeline (terminal) near Glendive, Montana. The gasoline released into Seven Mile Creek, and flowed down stream into a slough (confluence) of the Yellowstone River. Glendive Terminal consists of above ground storage tanks, transmission pipelines, and terminal pipelines. Glendive is located in eastern Montana and has a population of 4,729. Yellowstone River and its tributaries are habitat for the protection of migratory birds and federally listed threatened and endangered species.



2. Incident or Release:

At approximately 10:10 p.m. on Friday, September 20, 2002, the gasoline leak was discovered at Seven Mile Creek by a representative of Cenex. Immediately, Cenex shut down its terminal pipelines, activated its spill response system, and contacted the Glendive Water Treatment Plant to shut down the water intake. Subsequently, containment booms including sorbent pads were deployed in several locations: the pipe rupture location, along Seven Mile Creek, and on a slough of the Yellowstone River near "Black Bridge". Montana Department of Environmental Quality (MDEQ), DOI/OEPC, MTFW&P, RSPA Office of Pipeline Safety, and U.S. EPA - Region 8 were notified. Glendive's drinking water intake and the residents' fourteen domestic water supply wells near the release point were sampled for petroleum hydrocarbons. The rupture of the suspected pipeline is under investigation.

IV. RESPONSE INFORMATION

A. Current Situation and Removal Actions to Date

EPA's On-Scene Coordinator and its Superfund Technical Assistance Response Team (START2) responded to the Site on 09/21/02. EPA collected water samples along the shore line and from various impacted areas along Seven Mile Creek and Yellowstone River. Additionally, soil samples within and adjacent to the shore were taken. These samples were analyzed for TPH and diesel constituents to determine contamination levels.

Personnel from MDEQ were on-site to evaluate the situation and coordinate the removal/remediation plan. The U. S. Fish and Wildlife Service and BLM were contacted and apprised of the situation. The contamination appeared to have killed over 2,000 fish in the affected areas.

Several trenches were constructed near the rupture pipe for product collection points. As of September 25, 2002, a vacuum truck had recovered approximately 21,000 gallons of gasoline from the boomed locations and trenches. The recovered gasoline is being stored in tanks at the Glendive Terminal for future processing at the Cenex Refinery in Laurel, MT. Water bottles were provided to residents during the duration of the water treatment plant's shut down. EPA will continue to provide follow-up for the remediation plan, coordination, and oversight as appropriate.

B. Planned Removal Actions/Next Steps

Given that the Seven Mile Creek leads to Yellowstone Creek and has potential for effecting numerous citizens and environments, an immediate Removal/Remediation Plan was implemented by the PRP which consisted of:

- Collection of water samples of Glendive POTW intake and domestic wells for BTEX analysis.
- Continuation of product collection using vacuum truck (twice-daily) at the pipe rupture site and skimming/pumping at the "Black Bridge" area.

- Development of potentiometric maps for pipe-rupture location and in the vicinity of domestic wells to determine groundwater flow patterns.
- Preliminary assessment of the impacted areas including soil borings, monitoring well installation, and excavation of test pits.

The OSC will continue to monitor cleanup.

C. Enforcement

- September 23, 2002, EPA issued a CWA Administrative Order (CWA-08-2002-35) to Cenex Pipelines and Terminals
- October 29, 2002, Montana Department of Environmental Quality issued a Letter of Montana Water Quality Act Violation for the release of gasoline into State waters.

V. KEY ISSUES

From observations taken, it will be necessary to develop and coordinate a comprehensive remediation plan that will address the restoration of natural resources and the proper management of contaminated materials generated by the gasoline release.

VI. COST INFORMATION

EPA initially opened the Oil Pollution Act Fund for \$20,000 for purposes of monitoring the cleanup. Estimates are not available at this time to project current and future costs.